

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Turner *et al.*

U.S. Ser. No.: to be assigned

Attorney Docket No.: LEX-0182-USA

Filing Date: May 30, 2001

For: NOVEL HUMAN MITOCHONDRIAL
PROTEINS AND
POLYNUCLEOTIDES ENCODING
THE SAME

VERIFIED STATEMENT

BOX PATENT APPLICATION
Asst. Commission for Patents
Washington, D.C. 20231

Sir:

I, DRENDA D. THOMAS, do declare and state as follows:

1. I prepared a Sequence Listing in paper and computer readable form in connection with the above-captioned patent application, both of which are being submitted herewith.

2. I hereby state that the contents of the paper and computer readable form of the Sequence Listing being submitted herewith are the same.

Signed,

5/30/01

Date

Drenda Thomas

Drenda D. Thomas

09870143-053001

SEQUENCE LISTING

<110> Turner, C. Alexander Jr.
Hilbun, Erin
Potter, David

<120> Novel Human Mitochondrial Proteins and Polynucleotides Encoding the Same

<130> LEX-0182-USA

<150> US 60/207,933

<151> 2000-05-30

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> DNA

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Tyr	Arg	Ser	Tyr	Thr	Thr	Gln
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Ile	His	Phe	Met	Thr	Tyr	Glu
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Arg	Arg	Tyr	Asn	Pro	Ser	Ser
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Val	Thr	Ala	Tyr	Phe	Arg	Gly
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Cys Arg Pro Pro Val Arg Gln Asp Pro Asp Ser Gly Pro Asp Tyr Glu
50 55 60
Ala Leu Pro Ala Gly Ala Thr Val Thr Thr His Met Val Ala Gly Ala
65 70 75 80
Val Ala Gly Ile Leu Glu His Cys Val Met Tyr Pro Ile Asp Cys Val
85 90 95
Lys Thr Arg Met Gln Ser Leu Gln Pro Asp Pro Ala Ala Arg Tyr Arg
100 105 110
Asn Val Leu Glu Ala Leu Trp Arg Ile Ile Arg Thr Glu Gly Leu Trp
115 120 125
Arg Pro Met Arg Gly Leu Asn Val Thr Ala Thr Gly Ala Gly Pro Ala
130 135 140
His Ala Leu Tyr Phe Ala Cys Tyr Glu Lys Leu Lys Lys Thr Leu Ser
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Asp Val Ile His Pro Gly Gly Asn Ser His Ile Ala Asn Gly Ala Ala
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 35 40 45
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 50 55 60
 Ala Leu Pro Ala Gly Ala Thr Val Thr Thr His Met Val Ala Gly Ala
 65 70 75 80
 Val Ala Gly Ile Leu Glu His Cys Val Met Tyr Pro Ile Asp Cys Val
 85 90 95
 Lys Thr Arg Met Gln Ser Leu Gln Pro Asp Pro Ala Ala Arg Tyr Arg
 100 105 110
 Asn Val Leu Glu Ala Leu Trp Arg Ile Ile Arg Thr Glu Gly Leu Trp
 115 120 125
 Arg Pro Met Arg Gly Leu Asn Val Thr Ala Thr Gly Ala Gly Pro Ala
 130 135 140
 His Ala Leu Tyr Phe Ala Cys Tyr Glu Lys Leu Lys Lys Thr Leu Ser
 145 150 155 160
 Asp Val Ile His Pro Gly Gly Asn Ser His Ile Ala Asn Gly Ala Ala
 165 170 175
 Gly Cys Val Ala Thr Leu Leu His Asp Ala Ala Met Asn Pro Ala Glu
 180 185 190
 Gly Asn Asp Ser Ser Thr Tyr His Ser Val Gly Ser Cys Thr Cys Ile
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 Tyr Phe Ala Cys Tyr Glu Lys Leu Lys Lys Thr Leu Ser Asp Val Ile
 50 55 60
 His Pro Gly Gly Asn Ser His Ile Ala Asn Gly Ala Ala Gly Cys Val
 65 70 75 80
 Ala Thr Leu Leu His Asp Ala Ala Met Asn Pro Ala Glu Val Val Lys
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 Gln Arg Met Gln Met Tyr Asn Ser Pro Tyr His Arg Val Thr Asp Cys
 100 105 110
 Val Arg Ala Val Trp Gln Asn Glu Gly Ala Gly Ala Phe Tyr Arg Ser
 115 120 125
 Tyr Thr Thr Gln Leu Thr Met Asn Val Pro Phe Gln Ala Ile His Phe
 130 135 140
 Met Thr Tyr Glu Phe Leu Gln Glu His Phe Asn Pro Gln Arg Arg Tyr
 145 150 155 160
 Asn Pro Ser Ser His Val Leu Ser Gly Ala Cys Ala Gly Ala Val Ala
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 Ala Ala Ala Thr Thr Pro Leu Asp Val Cys Lys Thr Leu Leu Asn Thr
 180 185 190
 Gln Glu Ser Leu Ala Leu Asn Ser His Ile Thr Gly His Ile Thr Gly
 195 200 205
 Met Ala Ser Ala Phe Arg Thr Val Tyr Gln Val Gly Gly Val Thr Ala
 210 215 220
 Tyr Phe Arg Gly Val Gln Ala Arg Val Ile Tyr Gln Ile Pro Ser Thr
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			20					25					30		
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Tyr	Phe	Ala	Cys	Tyr	Glu	Lys	Leu	Lys	Lys	Thr	Leu	Ser	Asp	Val	Ile
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His	Pro	Gly	Gly	Asn	Ser	His	Ile	Ala	Asn	Gly	Ala	Ala	Gly	Cys	Val
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Ala	Thr	Leu	Leu	His	Asp	Ala	Ala	Met	Asn	Pro	Ala	Glu	Gly	Asn	Asp
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Ser	Ser	Thr	Tyr	His	Ser	Val	Gly	Ser	Cys	Thr	Cys	Ile	Ser	Leu	Gln
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Phe	Ala	Glu	Glu	Ser	Thr	Ser	Val	Leu	Val	Gly	Asn	Ser	Val	Thr	Leu
		115					120					125			
Phe	Tyr	His													
		130													